FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

WIN Station Name: South Mosquito Creek @ Power Line **Date:** 11/20/2018 (mm/dd/yyyy)

WIN/ Field ID: G2TLHR0039 **WBID:** 393 **Latitude:** 30.6575 (Decimal Degrees)

County: Gadsden **ORG ID:** 21FLTLHR **Longitude:** 84.7143 (Decimal Degrees)

Receiving Body of Water: Mosquito Creek **RQ-2018-** 09-10-63

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Paul Blair		X		X	X
Blake Spencer	X		X		

Sampling Equipment
- [x] Sample Container [ ] Van Dorn [ ] Pole
- [ ] Carboy [x] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with YSI (Biology #2)
- Equipment ID

Collection Method
- [x] Wading [ ] Canoe/Kayak
- [ ] From Shore [ ] Electric Motor
- [ ] Other [ ] Gasoline Motor

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded **Meter ID#** Biology #2 **Matrix:** (Fresh) / Marine / DI

Photos: Yes / (No) **Flow:** No Flow / Intestital / (Flowing) / NA **Tide:** Rising/ Falling/ Slack/ (NA) **Tide Times:** High NA Low NA

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPTh)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1435	0.5	0.3	VoB	9.44	95.9	7.21	0.03	67	16.05
CEN										

Biological Samples Collected: (None) HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[ ] Ice [ ] H_2SO_4	SA8274050	10/1/19	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[ ] Ice			
Chlorophyll	[x] CHLSUITE-W	[ ] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[ ] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[x] E Coli [ ] F Coli [ ] Enterococci	[ ] Ice			
Molecular	[ ] PCR-FILTER [ ] PCR-HF183 [ ] PCR-BacR [ ] PCR-GULL2 [ ] PCR-GFD	[ ] Ice			
Tracers	[ ] W-SUC-AA-R [ ] W-UHERB-AA [ ] W-AHERB-AA	[ ] Ice			
Pesticides	[ ] W-PSNP-TQ [ ] W-UHERB-AA [ ] W-AHERB-AA [ ] W-CARB-AA [ ] W-PCL-SQ-R [ ] W-PYR-AA-R [ ] W-GLYPH [ ] W-SUC-AA-R	[ ] Ice [ ] Other			

Place Preserv (if

Notes:
kit: A-b
(Marilyn Campbell) 850 663-4168
give heads-up 850 933-3950

Field/WIN ID → G2TLHR0039

Location ↓ South Mosquito Creek @ Power Line

Signature: **Date:**

Enter Field Parameters, Verify Station ID In LIMS DMT: [illegible] 11/21/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: PB 11-30-18 (Initials/Date)

Scan/Save Field Sheets CB 12-14-18 (Initials/Date) Migrate Data to WIN: (Initials/Date) Verify Data In WIN: (Initials/Date)

Request Number: RQ-2018-09-10-63

G1 Run 2

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Eckles

Collected By: Paul Blair + Blake Spencer

Field Report Prepared By: Blake Spencer

Sampling Agency: FDEP

Sample 1

Location / Field ID / WIN/STORET #	
Field/WIN ID →	G2TLHR0039
Location ↓	South Mosquito Creek @ Power Line
Latitude (☑ dd ☐ dms)	30.6575
Longitude (☑ dd ☐ dms)	-84.7143
☐ Comp ☑ Grab	Collection (comp begin or grab) Date 11/20/18 Time 1435 (Eastern circled) / Central
Composite end	Date: Time:
Matrix (type, e.g., Salt, Fresh, etc)	Fresh
Diss. Oxygen (☐ mg/L ☑ % sat)	95.9
Total Res. Chlorine (mg/L)	—
Temp (C)	16.05
pH	7.21
Sample Depth (☐ ft ☑ m)	0.3
Sp. Conductance (umho/cm)	67
Salinity (ppt)	0.03
Comments	
Bottle Group(s) (See pg 2)	A

Sample 2

Field	Value
Location	
Field ID	
WIN/STORET #	
Latitude (☐ dd ☐ dms)	
Longitude (☐ dd ☐ dms)	
☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern / Central
Composite end	Date Time
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen (☐ mg/L ☐ % sat)	
Total Res. Chlorine (mg/L)	
Temp (C)	
pH	
Sample Depth (☐ ft ☐ m)	
Sp. Conductance (umho/cm)	
Salinity (ppt)	
Comments	
Bottle Group(s)	

Sample 3

Field	Value
Location	
Field ID	
WIN/STORET #	
Latitude (☐ dd ☐ dms)	
Longitude (☐ dd ☐ dms)	
☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern / Central
Composite end	Date Time
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen (☐ mg/L ☐ % sat)	
Total Res. Chlorine (mg/L)	
Temp (C)	
pH	
Sample Depth (☐ ft ☐ m)	
Sp. Conductance (umho/cm)	
Salinity (ppt)	
Comments	
Bottle Group(s)	

Sample 4

Field	Value
Location	
Field ID	
WIN/STORET #	
Latitude (☐ dd ☐ dms)	
Longitude (☐ dd ☐ dms)	
☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time Eastern / Central
Composite end	Date Time
Matrix (type, e.g., Salt, Fresh, etc)	
Diss. Oxygen (☐ mg/L ☐ % sat)	
Total Res. Chlorine (mg/L)	
Temp (C)	
pH	
Sample Depth (☐ ft ☐ m)	
Sp. Conductance (umho/cm)	
Salinity (ppt)	
Comments	
Bottle Group(s)	

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Paul B[illegible]	11-20-18 16:46			KK	11-20-18 @ 16:56

Boldly "X" this box if there is qualified data on this page.

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Meter ID: Biolog V #2 RQ- 2018-10-08-17, 2018-09-10-63, 2018-10-29-92, 2018-10-08-19 Project: SMP

Notes: (1) Always wait for meter to stabilize before recording any readings.
(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: (Lab Calibration) or Calibration/Verification on Site ~~6/26/18~~

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 6/26/18

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Blake Spencer	11/20/18 ~~0905~~	0905	20.42	9.021	9.02	100	71.7	—	(P) / F	(L) / F
ICV	Blake Spencer	11/20/18	0907	20.41	9.021	9.02	100	71.7	—	(P) / F	(L) / F
CCV	Blake Spencer	11/20/18	1650	20.50	9.003	9.03	100.3	64.5	—	(P) / F	(L) / F
CCV										P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L. **Rapid-Pulse Sensors:** DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.
Optical: DO gain range 0.85 to 1.15; DO charge N/A. **Steady-state & Galvanic Sensors:** DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Blake Spencer	11/20/18	913	180621C	07/2019	1000	1000	(P) / F	(L) / F
ICV	Blake Spencer	11/20/18	0914	180621C	07/2019	1000	1001	(P) / F	(L) / F
CCV	Blake Spencer	11/20/18	1654	1905F91	05/2020	100	103	(P) / F	(L) / F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Blake Spencer	11/20/18	0919	180621E	01/2020	7.0	7.0	-6.5	(P) / F	(L) / F
Calibr.	Blake Spencer	11/20/18	0922	180621D	07/2019	4.0	4.0	167.0	(P) / F	(L) / F
Calibr.	Blake Spencer	11/20/18	0926	1804031D	10/2019	10.0	9.96	-167.4	(P) / F	(L) / F
ICV	Blake Spencer	11/20/18	0927	1804031D	10/2019	10.0	9.96	-167.4	(P) / F	(L) / F
CCV	Blake Spencer	11/20/18	1655	180621D	07/2019	4.0	3.95	167.9	(P) / F	(L) / F
CCV									P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50; mV pH 4 Range +180 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value meters	Pass / Fail	Lab / Field
Pressure mode in air	Blake Spencer	11/20/18	0929	0.00	0.00	(P) / F	(L) / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria ± 5 % or ± 0.05m, whichever is greater.

COMMENTS: